Notice of ALLOWABILITY IS NOT a GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon pelition by the applicant. See 37 CFR 1.313 and MPEP 1308.  1. ☑ This communication is responsive to 10/26/04.  2. ☑ The allowed claim(s) is/are 1.19.  3. ☑ The drawings filed on 18 September 2003 are accepted by the Examiner.  4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) ☐ All b) ☐ Some* c) ☐ None of the:  1. ☐ Certified copies of the priority documents have been received.  2. ☐ Certified copies of the priority documents have been received in Application No  3. ☐ Copies of the certified copies of the priority documents have been received in International Bureau (PCT Rule 17.2(a)).  **Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDOMMENT of this application.  THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the cath or declaration is deficient.  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  1) ☐ hereto or 2) ☐ to Paper No./Mail Date  Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).  7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.		Application No.	Applicant(s)		
Notice of Allowability  Examiner The MAILING DATE of this communication appears on the cover sheet with the correspondence address—All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTCL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MIPEP 1308.  1. ☑ This communication is responsive to 102800.  2. ☑ The drawings filed on 18 September 2003 are accepted by the Examiner.  4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) ☐ All b) ☐ Some* c) ☐ None of the:  1. ☐ Certified copies of the priority documents have been received.  2. ☐ Certified copies of the priority documents have been received in Application No.  3. ☐ Copies of the rediffied copies of the priority documents have been received in this national stage application from the International Beneau (PGT Rule 17.2(a)).  **Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  THIS THREE MONTH PERIOD IS NOT EXTENDABLE  5. ☐ A SUBSTITUTE CATH OR DECLARATION (MID by submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.  (a) ☐ including changes required by the Notice of Drattsperson's Patent Drawing Review (PTO-948) allached  1) ☐ hereto or 2) ☐ to Paper No.Mail Date	Notice of Allowability	10/605.253	WU ET AL.		
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···	Supervisor Technol	ogy Center 2800			

## **DETAILED ACTION**

Examiner took notice of remarks made on 10/26/2004 and found it is persuasive. Claims 1-19 are now pending in this application.

## **EXAMINER'S AMENDMENT**

Cancel claims 20-30 due to non-elected group. Applicants have withdrawn claims 20-30 in the Response made on 10/26/04.

## Reason for allowance

Claims 1-19 are allowed. The following is an examiner's statement of reason for allowance: None of the references of record teaches or suggests the claimed limitations having a method of forming one-time programmable read-only memory to improve the uniformity of PN junction and reduce the leakage current, the method comprising the steps of forming a stacked structure consisting of a first doped layer, a dielectric layer, and a nucleation layer (or a second doped layer), forming an insulating layer having an opening therein, then forming a second doped layer (or a nucleation layer) and converting the second doped layer (or a nucleation layer) into a single-crystal silicon layer by annealing.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

## Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thao P. Le whose telephone number is 571-272-1785. The examiner can normally be reached on M-T (7-6).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on 571-272-1787. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thao P. Le Examiner Art Unit 2818

December 19, 2004.

David Nelms
Supervisory Patent Examiner
Technology Center 2800